

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082622\
 Data File : VW027539.D
 Acq On : 26 Aug 2022 17:16
 Operator : SY/MD
 Sample : N4368-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E98

Quant Time: Aug 27 03:16:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

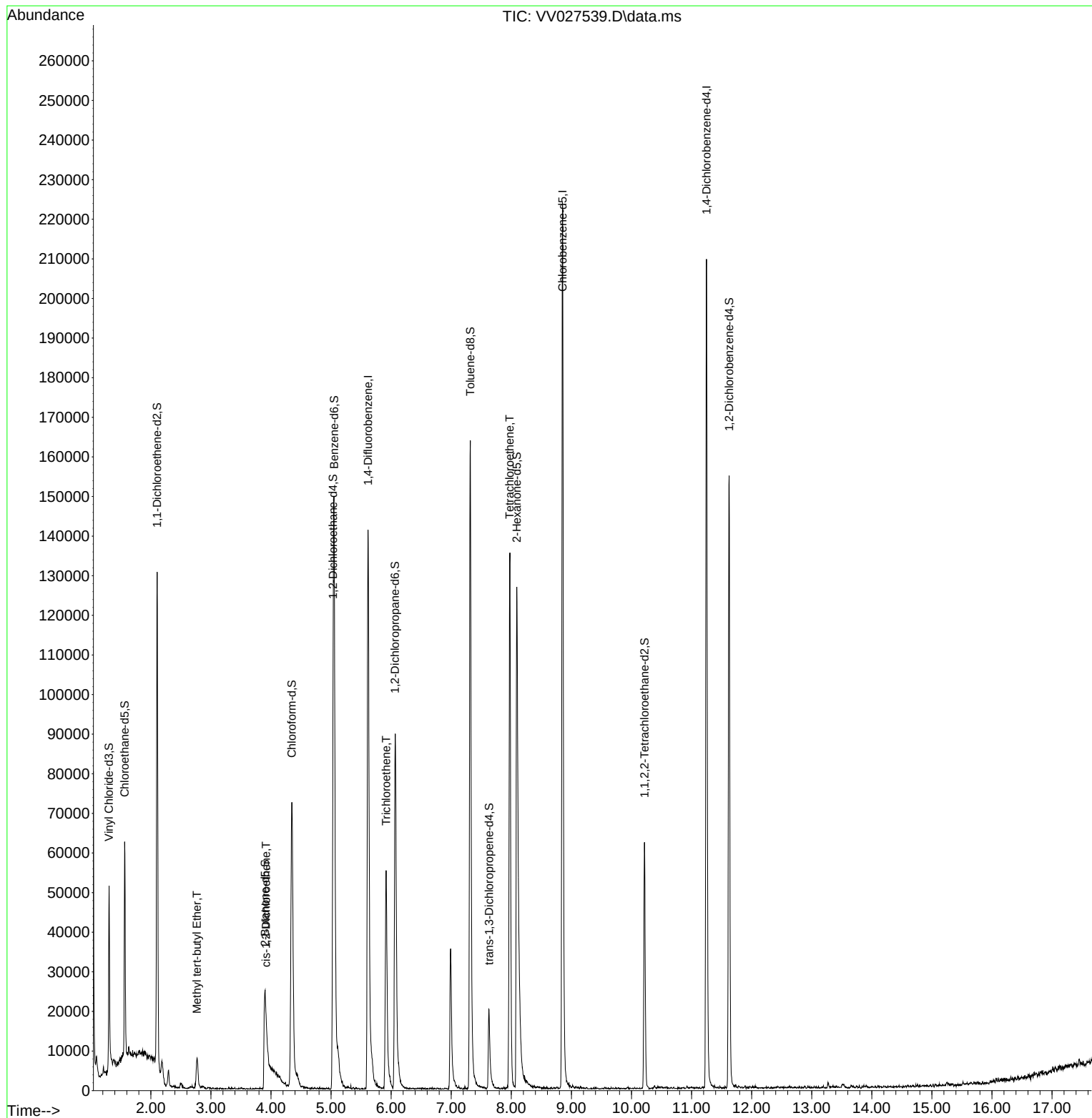
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	130133	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55503	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34416	3.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.564	69	35219	5.196	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.105	63	66522	3.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	3.899	46	44171	38.323	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.640%
24) Chloroform-d	4.346	84	77121	4.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.034	65	34910	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.050	84	142933	4.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.066	67	44998	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.317	98	115117	3.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	7.629	79	12985	3.735	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.092	63	53007	46.320	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29584	4.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	40998	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.767	73	6877	0.338	ug/L	# 88
22) cis-1,2-Dichloroethene	3.915	96	2035	0.188	ug/L	99
34) Trichloroethene	5.915	95	20384	1.848	ug/L	97
47) Tetrachloroethene	7.973	164	30346	3.531	ug/L	97

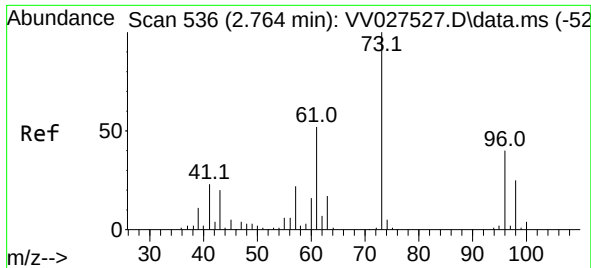
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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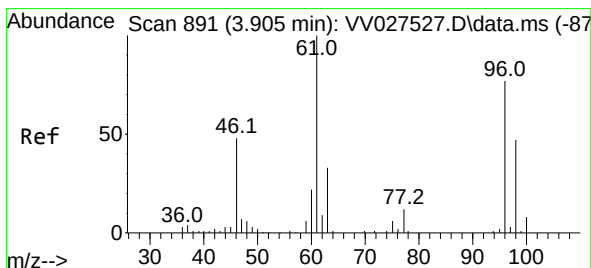
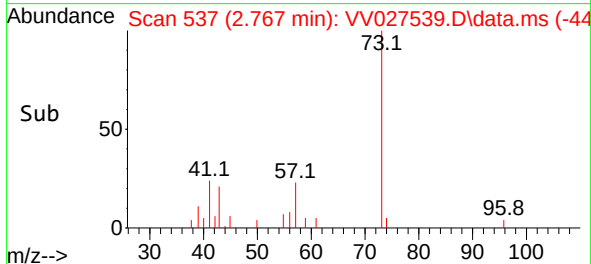
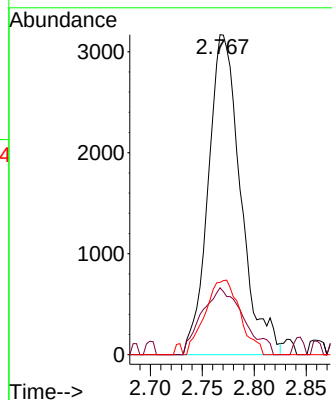
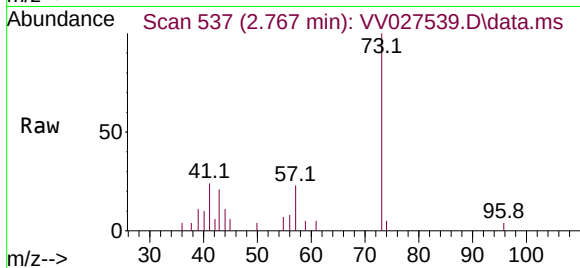




#17
Methyl tert-butyl Ether
Concen: 0.338 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027539.D
Acq: 26 Aug 2022 17:16

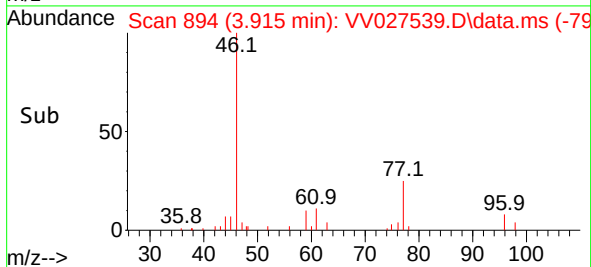
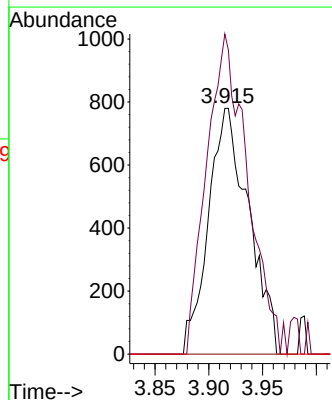
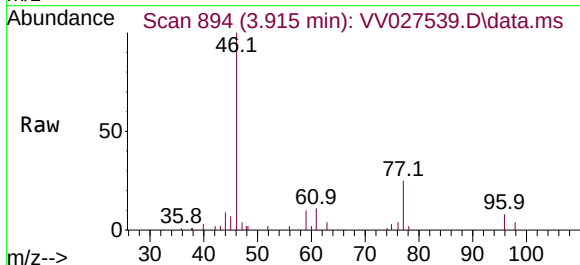
Instrument :
MSVOA_V
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F5E98

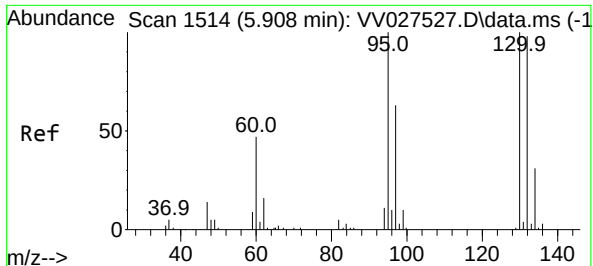
Tgt Ion: 73 Resp: 6877
Ion Ratio Lower Upper
73 100
43 27.0 15.6 23.4#
57 25.1 17.0 25.6



#22
cis-1,2-Dichloroethene
Concen: 0.188 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV027539.D
Acq: 26 Aug 2022 17:16

Tgt Ion: 96 Resp: 2035
Ion Ratio Lower Upper
96 100
61 130.3 90.6 168.2
68 0.0 0.0 0.0



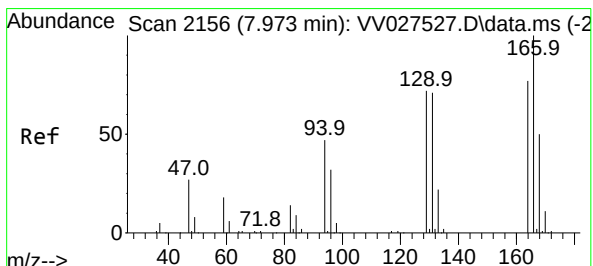
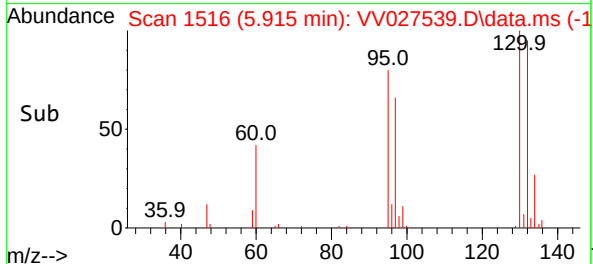
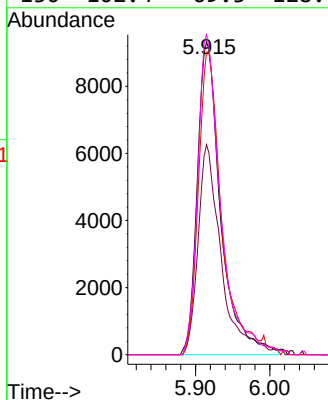
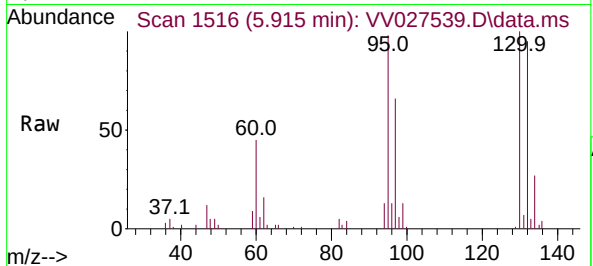


#34
Trichloroethene
Concen: 1.848 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027539.D
Acq: 26 Aug 2022 17:16

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 95 Resp: 20384

Ion	Ratio	Lower	Upper
95	100		
97	67.2	45.0	83.6
132	96.9	65.7	121.9
130	102.4	69.3	128.7



#47
Tetrachloroethene
Concen: 3.531 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027539.D
Acq: 26 Aug 2022 17:16

Tgt Ion: 164 Resp: 30346

Ion	Ratio	Lower	Upper
164	100		
129	96.3	71.1	132.1
131	95.5	64.5	119.9
166	128.1	89.4	166.0

